

Where Innovation Meets Affordability



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General Introduction

The Astral Window range strikes the perfect balance between innovation, performance, and affordability—delivering high-quality aluminium windows and doors tailored to the demands of contemporary architecture. Designed with a focus on both aesthetics and functionality, Astral systems offer a sleek, modern appearance alongside impressive durability and energy efficiency.

With thermally broken options available, the range delivers superior insulation to reduce heat transfer and maintain comfortable indoor environments year-round.

Versatility Built In

Astral is designed for versatility. The range includes a wide variety of window and door configurations—fixed, sliding, awning, casement and tilt-and-turn windows, as well as sliding, hinged, folding and lift-and-slide doors. This flexibility makes it easy to find the right solution for any residential project, from single homes to multi-residential developments. Each unit is constructed using premium-grade aluminium for exceptional strength, longevity, and resistance to harsh weather conditions—ensuring dependable performance in any environment.

Tailored to Your Vision

Customisation is at the core of the Astral range. Architects, home owners and builders can select from a broad array of frame colours, hardware options, glazing options and configurations to meet specific design goals and energy performance requirements. Whether you're aiming for a minimalist aesthetic or bold architectural detail, Astral windows and doors can be tailored to suit.

Designed for Performance and Simplicity

Engineered for easy installation and long-term reliability, the Astral range offers a cost-effective solution without compromising on quality. By integrating advanced technology with smart design, Astral sets a new standard for affordable, high-performing aluminium window systems—enhancing the look, comfort, and energy efficiency of every home.

The Journey to Astral Windows

Innovation, Performance, and Local Expertise

Creating a window system from scratch isn't easy. It takes more than a clever design - it requires years of industry insight, relentless refinement, and total commitment to performance, compliance, and long-term reliability.

Astral Windows is the result of that journey. Developed by Supaglass, a proudly family-owned Canberra company with deep roots in the Australian construction industry, Astral was built to solve a growing problem: the lack of accessible, high-performance window systems that meet the demands of Australia's evolving energy standards, without the excessive cost of European imports.

From Trusted Supplier to System Innovator

Founded in 2011, Supaglass began as a small local supplier specialising in commercial aluminium glazing. Our reputation for quality, reliability, and personalised service quickly earned the trust of builders, developers, and architects throughout the ACT and beyond.

As we expanded into custom residential and multi-residential projects, the limitations of existing systems became increasingly clear. Off-the-shelf products couldn't deliver the thermal performance, aesthetic flexibility, or price-point our clients needed — especially with the introduction of mandatory 7-star energy ratings in 2024.

Rather than compromise, we invested.

Engineering a Better Alternative

Astral Windows was developed in-house from the ground up:

- We designed and refined every profile with real-world feedback from builders and architects.
- We selected sustainable ASI-certified extrusion partners and invested in our own die sets for full control and consistency.
- We chose only premium, fully compliant components — from thermally broken frames and advanced seals to German-engineered hardware and certified double/triple glazing.
- We built strategic international manufacturing partnerships that allow us to deliver premium performance at a lower cost, without sacrificing quality or compliance.

Every Astral system is tested to AS2047 and AS1288 standards, and independently verified through WERS for thermal performance and NCC compliance.



Made for Australia — Not Just Imported

Astral isn't a generic import with a new logo. It's a purpose-built, performance-first system developed specifically for Australia's unique climate zones — from bushfire-prone regions to alpine areas. Our systems are designed to reduce energy costs, increase comfort, and meet strict compliance without compromising on design freedom.

With a full suite of aluminium, thermally broken, and timber-aluminium composite systems, Astral Windows offers a local, scalable, and future-ready alternative to overpriced European brands.

The Astral Difference

Engineered for 7-Star Homes

Thermally broken systems with advanced glazing for energy efficiency.

Affordable Without Compromise

Delivering the performance of European systems, without the premium.

Architectural Flexibility

Seamless integration with modern Australian design.

Designed for Harsh Australian Conditions

Durability that doesn't compromise on aesthetics.

Locally Available & Fully Compliant

Tested, certified, and WERS-rated.

**Astral Windows. Made with purpose.
Refined through experience. Built for Australia.**

Timeline of Supaglass' Evolution

2011-2014

Early Years

Supplier of locally fabricated commercial aluminium windows and glass processing services

2014-2016

Expansion Phase

Growth into multi-residential projects, meeting increased demand

2016

Cost Challenges

Rising material costs led to exploring imported window solutions

2016 -2025

Supply Chain Development

Partnership with a trusted overseas manufacturer for affordable, high end products meeting Australian Standards and energy requirements

2025

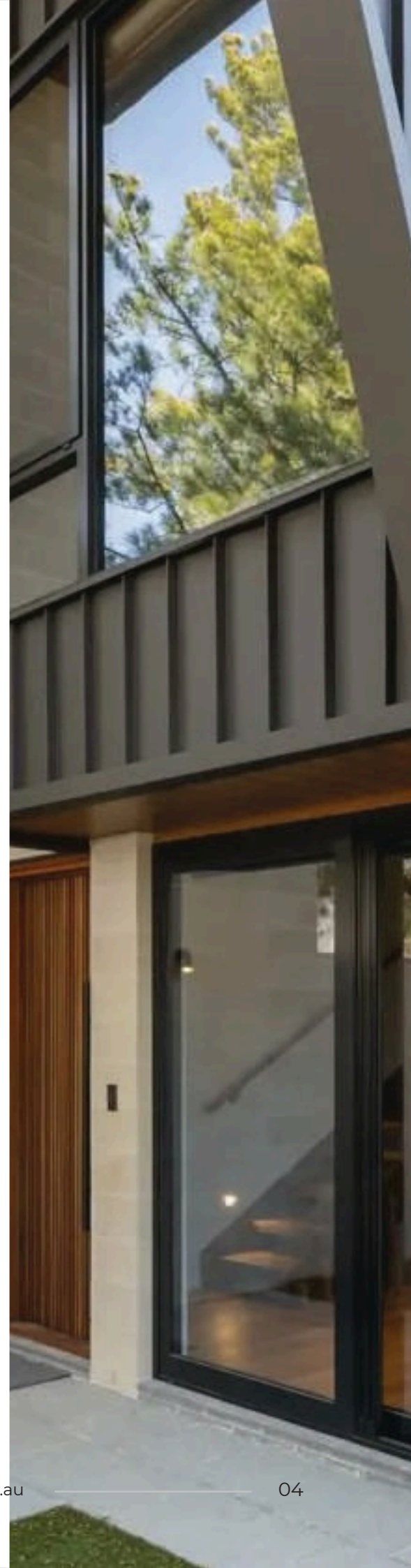
Product Innovation

Responding to new energy efficiency regulations and completely re-designing the entire Astral range, re-testing and adding to WERS database

Today

Leading supplier of high-performance, in house designed Astral Windows - suitable for both commercial and residential applications, meeting 7-star energy rating requirements, and providing cutting-edge aluminium window solutions.

From a local supplier to a leader in high-performance window solutions, Supaglass has continually evolved to deliver innovative, energy-efficient, and cost-effective products that support the future of sustainable building.



Sustainability at the Core of Astral Windows

Certified Low-Carbon Aluminium for a Greener Built Environment

With Astral Windows, sustainability isn't an afterthought—it's embedded into the DNA of every product created. Our aluminium profiles are exclusively extruded by Fujian Nanping Aluminium Co., Ltd, a globally recognised leader in low-carbon, sustainable aluminium production. From sourcing to extrusion, every step is engineered to reduce environmental impact, making Astral Windows the ideal choice for eco-conscious projects aiming for Green Star accreditation or reduced embodied carbon.

Certified Sustainable by the Aluminium Stewardship Initiative (ASI)

Fujian Nanping Aluminium is officially certified by the Aluminium Stewardship Initiative (ASI) for both:

- **Performance Standard V3.1 (2023)**

Verifying compliance with global best practices in environmental, social, and governance (ESG) performance across smelting, casting, and extrusion.

- **Chain of Custody (CoC) Standard V2 (2022)**

Ensuring traceability of responsibly sourced materials throughout the aluminium supply chain.

These certifications affirm that the aluminium used in Astral products meets the highest international benchmarks for sustainability and ethical sourcing.

Recycled Aluminium Content & In-House Green Alloy Production

Fujian Nanping Aluminium Co., Ltd has invested in a dedicated 80,000-tonne green aluminium alloy production line focused on circular manufacturing. Key sustainability highlights include:

- **30%+ Post-Consumer Recycled Aluminium in ingot production Up to 100%**
- **Recycled Aluminium Alloy content depending on application**
- **All recycling is done in-house, avoiding the need for offshore processing and reducing transport-related emissions**

This is especially relevant in Australia, where all aluminium recycling is exported due to no recycling plants in the country. Astral's use of locally recycled aluminium at the source gives projects a measurable advantage in reducing embodied energy.

Carbon Footprint: Significantly Lower than Industry Average

The global average Co2 emissions for primary aluminium production is approximately 16.6 kg Co2e per kg of aluminium (IEA, 2023). In contrast, aluminium produced at Fujian Nanping's certified facilities emits:

As low as 4.0–5.0 kg CO₂e per kg of aluminium
(depending on recycled content and production batch)

This dramatic reduction—up to 70% lower—translates to real, reportable gains in lowering embodied carbon, helping projects meet Green Star, NABERS, and Carbon Neutral Building criteria in Australia.

Key Sustainability Benefits of Astral Aluminium Products

- ASI-Certified for both Performance & Chain of Custody
- Up to 100% in-house recycled content
- Significantly lower CO₂ emissions per kg of aluminium
- Supports Green Star & NABERS energy and material credits
- No offshore processing—minimised transport emissions
- Ethical and transparent supply chain traceability

Build Responsibly with Astral

By choosing Astral Windows, you're investing in premium-quality aluminium windows and doors that reduce environmental impact, support sustainable building certifications, and help create a better future for the built environment.

Let your next project stand as a testament to smart design—and sustainability without compromise.



Astral

Series Overview

ASTRAL Ultra

The Ultimate in High-Performance Window & Door Systems

Our flagship system features an industry-leading 40mm polyamide thermal break for exceptional energy efficiency. Designed to accommodate double or triple glazing, ASTRAL Ultra delivers outstanding thermal and acoustic insulation, structural performance, and expansive glass spans — making it the perfect choice for high-end residential and architectural projects.

[To Jump to Astral Ultra See Page](#)

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ASTRAL Fusion

Timber-Aluminium Composite | Passive House Certified

For projects demanding the highest levels of performance and design excellence, ASTRAL Fusion blends the natural warmth of internal timber (Pine or Oak) with the durability of external aluminium cladding. Passive House Certified and WERS-rated, it delivers superior thermal insulation, sustainability, and timeless architectural appeal — suited to premium homes and eco-conscious designs.

[To Jump to Astral Fusion See Page](#)

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ASTRAL Plus

Sleek Thermally Broken Aluminium for Everyday Efficiency

ASTRAL Plus combines elegant slimline aesthetics with practical performance. Featuring a 12mm polyamide thermal break and double-glazing capability, it offers improved energy efficiency and comfort without compromising on design. Ideal for energy-conscious homes and mid-range residential projects seeking a balance of performance and affordability.

[To Jump to Astral Plus See Page](#)

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ASTRAL Edge

Commercial-Grade Strength, Cost-Effective Simplicity

A clean and durable non-thermally broken aluminium system designed for double glazing. ASTRAL Edge offers robust structural performance and architectural styling at a competitive price point, making it the ideal solution for townhouses, apartments, and budget-sensitive residential projects where reliability and compliance still matter.

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Astral Series

Comparison Table



Features	Astral Edge	Astral Plus	Astral Ultra	Astral Fusion
Frame Type	Non-insulated aluminium	Thermally broken aluminium	High-performance thermally broken aluminium	Timber-aluminium composite
Thermal Break	None	12mm polyamide	40mm polyamide	Timber-aluminium hybrid core Passive House Certified
Glazing	Double glazing	Double glazing	Double or triple glazing	Double or triple glazing
Best For	Multi-residential, commercial, cost-driven builds	Energy-efficient homes, multi-residential	High-end residential & commercial projects	Passive homes, luxury bespoke homes
Operable Types	Fixed, Awning, Sliding, Sliding Doors, Hinged Doors	Fixed, Awning, Sliding, Sliding Doors	Fixed, Awning, Tilt & Turn, Casement, Sliding, Lift & Slide, Bifold Doors	Fixed, Tilt & Turn, Casement, Sliding, Lift & Slide Doors, Casement Doors
Screening Options	Standard & security screens	Standard & security screens	Standard & security screens	Standard & security screens
Hardware	Durable residential/commercial-grade	Mid-tier performance	German-engineered premium hardware	German-engineered premium hardware
Frame Aesthetics	Bold commercial profile (101x50mm)	Slimline, modern profile	High-strength and thicker profile with slim sections where it matters	Warm timber interior, aluminium exterior
Standards Compliance	AS2047 compliant WERS-rated	AS2047 compliant WERS-rated	AS2047 compliant WERS-rated	AS2047 compliant WERS-rated Passive House Certified

ASTRAL Ultra

The Ultimate in High-Performance Window and Door Systems



The ASTRAL Ultra range represents the pinnacle of window and door system technology, meticulously designed for those who demand the highest standards in thermal efficiency, security, and modern aesthetics. With a 40mm wide polyamide thermal break, ASTRAL Ultra delivers unparalleled insulation and supports both double and triple glazing.

This premium system accommodates expansive glass panels, smooth seamless operation, and advanced locking systems. Whether you're designing a luxury home or energy-efficient commercial project, ASTRAL Ultra provides unmatched durability, elegance, and high-performance.

40mm Polyamide Thermal Break

Superior insulation for high energy efficiency.

Double & Triple Glazing Compatibility

Enhances comfort, reduces heat loss, and noise.

Versatile Configurations

Fixed, tilt and turn, sliding, awning, casement, and lift-slide systems.

Expansive Glass Areas

Perfect for panoramic views and natural light.

Designed for Australian Conditions

Airtight and weather-resistant.

Integrated Sub sill

for all window and door types for superior water penetration resistance.

German-Engineered Hardware

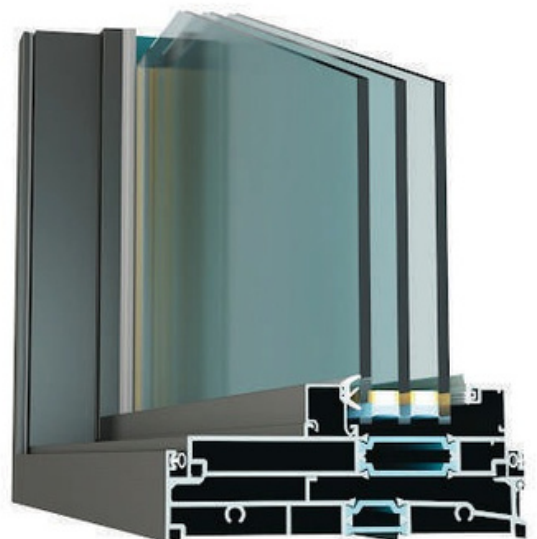
Smooth operation with long-term reliability.

Enhanced Security

Multi-point locking across the full range.



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**Where
Performance
Meets Luxury.**



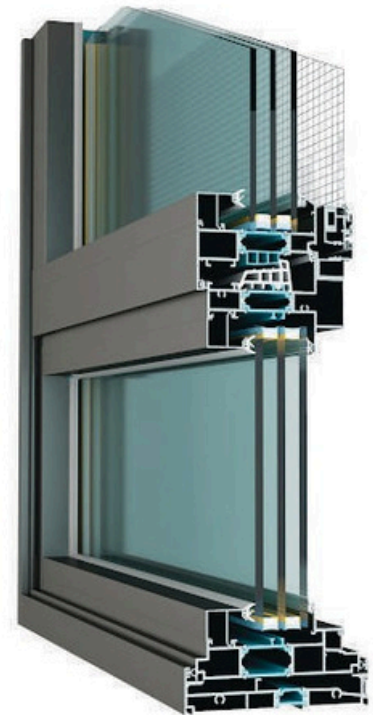
ASTRAL Ultra

Tilt and Turn Windows



ASTRAL Ultra Tilt and Turn Windows combine sophisticated European styling with exceptional versatility. The dual-function design allows the window to tilt inwards for secure ventilation or swing open fully for easy cleaning and ultimate ventilation. A 40mm thermal break provides outstanding insulation and acoustic performance. Multi point locking provides the best security weather and air tightness available on the market.

Dual-function tilt and turn operation for flexible ventilation and access	40mm polyamide thermal break for superior thermal insulation
Double and triple glazing for energy savings and noise reduction	Multi-point locking system for maximum security
Standard and security screening options for added protection	



Window Energy Ratings

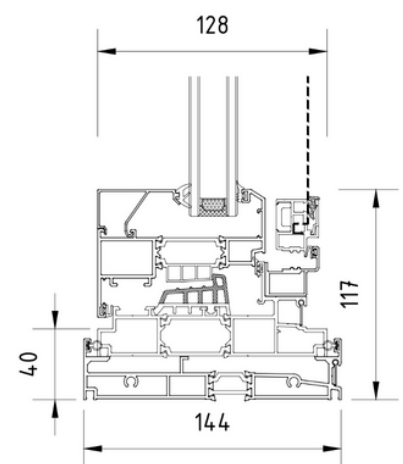
(AFRC Total System U-Value and SHGC)

Window ID	Glazing	UW	SHGC
SUP-015-003	AGG CLASSIC Clr 6/12/6	2.9	0.45
SUP-015-011	AGG PRIME Clr 6/12/6	2.4	0.33
SUP-015-019	AGG PLUS Clr 6/12/6	2.3	0.36
SUP-015-026	AGG ADVANCE Clr 6/12/6	2.3	0.22
SUP-015-031	AGG MAX Clr 6/12/6	2.3	0.18
SUP-021-011	AGG MAX + PLUS Clr 6/12/6/12/6	1.6	0.15

View full list of Residential and Commercial WERS Ratings at WERSLink.com.au

Maximum Recommended Sizes

SYSTEM	Max Sash Height (mm)	Max Sash Width (mm)	Max Sash Weight (kg)
Astral Ultra Tilt & Turn Window	1800	1300	105



ASTRAL Ultra

Awning / Casement Windows



ASTRAL Ultra Awning / Casement Windows offer year-round ventilation with a top-hinged design (Awning) or Side Hinged design (Casement) that allows fresh air in while keeping rain out. Ideal for bathrooms, bedrooms and kitchens, these windows feature a 40mm thermal break, German-engineered hardware, and secure multi-point locking.

Top-hinged design for continuous ventilation in all weather	40mm polyamide thermal break minimizes heat loss and improves efficiency
Double and triple glazing for superior insulation and noise reduction	Standard and security screening options for added protection
Multi-point locking system for increased security	

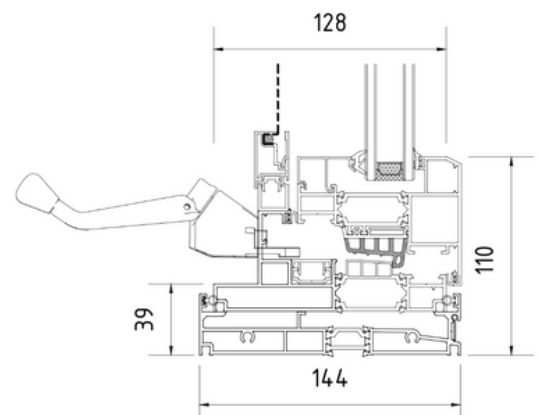


Window Energy Ratings

(AFRC Total System U-Value and SHGC)

Window ID	Glazing	UW	SHGC
SUP-014-003	AGG CLASSIC Clr 6/12/6	3.0	0.46
SUP-014-011	AGG PRIME Clr 6/12/6	2.4	0.34
SUP-014-019	AGG PLUS Clr 6/12/6	2.3	0.37
SUP-014-026	AGG ADVANCE Clr 6/12/6	2.3	0.23
SUP-014-031	AGG MAX Clr 6/12/6	2.2	0.18
SUP-020-010	AGG MAX + PLUSClr 6/12/6/12/6	1.5	1.16

View full list of Residential and Commercial WERS Ratings at WERSLink.com.au



Maximum Recommended Sizes

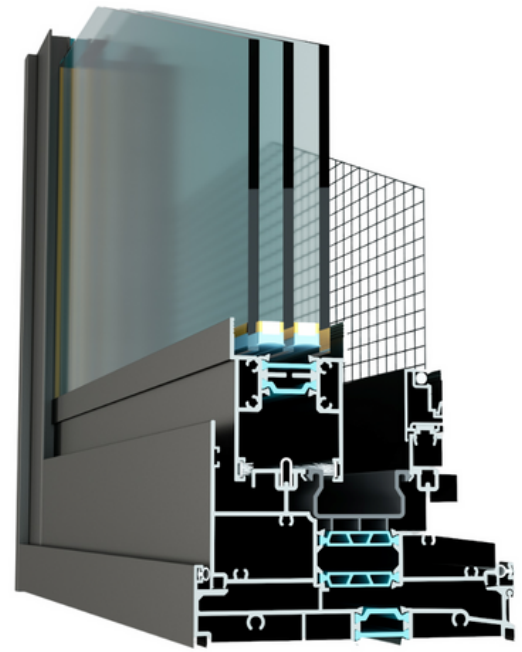
SYSTEM	Max Sash Height (mm)	Max Sash Width (mm)	Max Sash Weight (kg)
Astral Ultra Awning Window	1800	1400	113
Astral Ultra Casement Window	1500	750	50

ASTRAL Ultra Sliding Windows



ASTRAL Ultra Sliding Windows combine modern aesthetics with space-saving functionality. Smooth operation and energy efficiency are guaranteed with a 40mm thermal break and double or triple glazing. Multi-point locks enhance safety while allowing large panels for light and ventilation.

Smooth sliding operation for space-efficient ventilation	40mm thermal break for exceptional insulation and efficiency
Multi-point locking system for enhanced security	Multi-point locking system for enhanced security
Double and triple glazing for superior insulation and noise reduction	



Window Energy Ratings

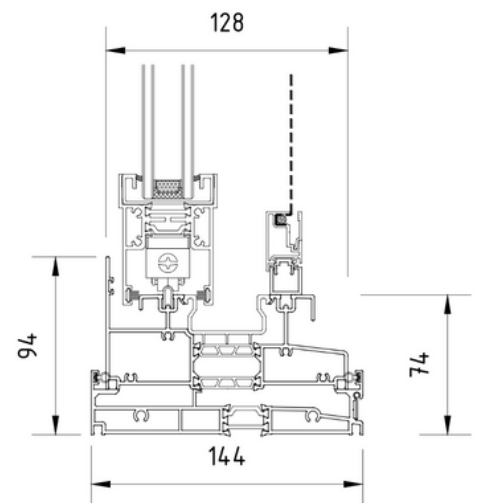
(AFRC Total System U-Value and SHGC)

Window ID	Glazing	UW	SHGC
SUP-016-003	AGG CLASSIC Clr 6/12/6	3.3	0.51
SUP-016-011	AGG PRIME Clr 6/12/6	2.7	0.39
SUP-016-019	AGG PLUS Clr 6/12/6	2.6	0.41
SUP-016-026	AGG ADVANCE Clr 6/12/6	2.5	0.25
SUP-016-031	AGG MAX Clr 6/12/6	2.5	0.20
SUP-022-008	AGG MAX + PLUS Clr 6/12/6/12/6	1.9	0.22

View full list of Residential and Commercial WERS Ratings at WERSLink.com.au

Maximum Recommended Sizes

SYSTEM	Max Sash Height (mm)	Max Sash Width (mm)	Max Sash Weight (kg)
Astral Ultra Sliding Window (each sash)	1600	1100	80



ASTRAL Ultra

Lift and Slide Doors



ASTRAL Ultra Lift and Slide Doors are engineered for large openings, offering smooth, effortless movement with advanced lift-and-slide technology. The Lift and Slide function provides effortless operation while sealing like a fixed window when closed. Outstanding insulation and premium German hardware guarantees seamless operation even for oversized panels.

Lift-assist mechanism for easy movement of large glass panels	Also available as typical sliding and stacking with three track sill
Seals Like a Fixed Window when closed	Available as a corner stacking door with no corner post
Double and triple glazing for soundproofing and efficiency	Heavy-duty hardware ensures smooth, effortless operation
Multi-point locking system for maximum security	Standard and security screening options for added protection

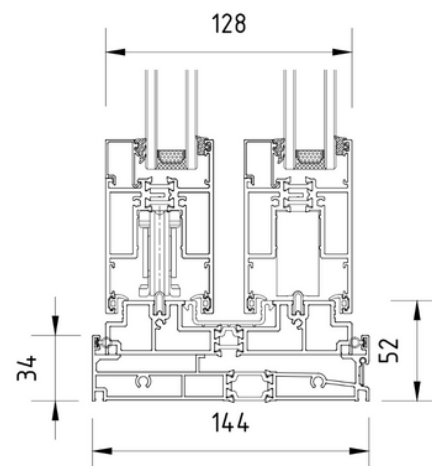


Window Energy Ratings

(AFRC Total System U-Value and SHGC)

Window ID	Glazing	UW	SHGC
SUP-018-003	AGG CLASSIC Clr 6/12/6	3.1	0.55
SUP-018-011	AGG PRIME Clr 6/12/6	2.5	0.42
SUP-018-019	AGG PLUS Clr 6/12/6	2.3	0.44
SUP-018-025	AGG ADVANCE Clr 6/12/6	2.3	0.27
SUP-018-031	AGG MAX Clr 6/12/6	2.3	0.22
SUP-024-012	AGG MAX + PLUS Clr 6/12/6/12/6	1.7	0.20

View full list of Residential and Commercial WERS Ratings at WERSLink.com.au



Maximum Recommended Sizes

SYSTEM	Max Sash Height (mm)	Max Sash Width (mm)	Max Sash Weight (kg)
Astral Ultra Lift and Slide Door (each sash)	2800	1500	190

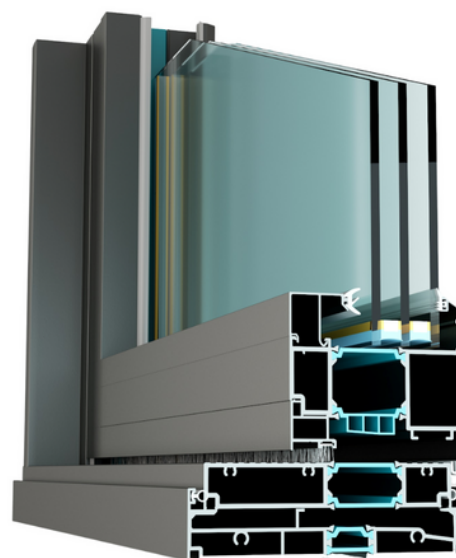
ASTRAL Ultra Casement Doors



ASTRAL Ultra Casement Doors bring classic outward-swinging functionality together with cutting-edge performance. Built with 40mm thermally broken aluminium frames these doors offer excellent energy efficiency, strength, and contemporary style.

Also available in a heavy-duty oversized configuration, these doors can be manufactured up to 3000mm high x 1500mm wide per panel, making them ideal for bold entry statements and large glazed accessways. The heavy-duty variant includes full perimeter sealing for superior air and water tightness and use an unique pivot-from-corner operation, enhancing both function and visual impact in contemporary architecture. Perfect for use as balcony access, patio doors, or elegant side entrances, they deliver high security, superior insulation, and a sleek architectural finish-engineered for modern

Outward-opening single or double (French) door design	40mm polyamide thermal break for superior insulation
Multi-point locking system for secure closure	Heavy Duty option supports up to 3000mm high x 1500mm wide panel size
Weather-resistant with smooth, durable hardware	Double or triple glazing for enhanced acoustic and thermal performance
Custom colours and finishes available	



Window Energy Ratings

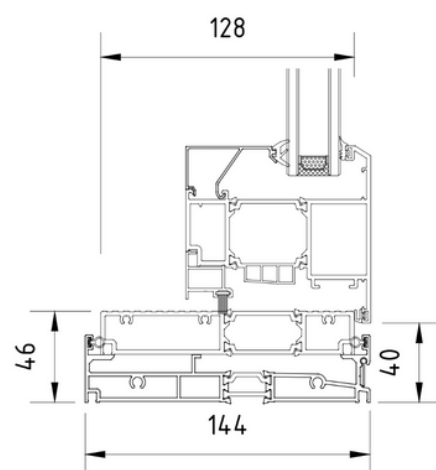
(AFRC Total System U-Value and SHGC)

Window ID	Glazing	UW	SHGC
SUP-017-003	AGG CLASSIC Clr 6/12/6	2.9	0.51
SUP-017-011	AGG PRIME Clr 6/12/6	2.3	0.37
SUP-017-019	AGG PLUS Clr 6/12/6	2.2	0.40
SUP-017-026	AGG ADVANCE Clr 6/12/6	2.1	0.24
SUP-017-031	AGG MAX Clr 6/12/6	2.1	0.20
SUP-023-012	AGG MAX + PLUS Clr 6/12/6/12/6	1.5	0.17

View full list of Residential and Commercial WERS Ratings at WERSLink.com.au

Maximum Recommended Sizes

SYSTEM	Max Sash Height (mm)	Max Sash Width (mm)	Max Sash Weight (kg)
Astral Ultra Casement Door	2400	900	97
Astral Ultra Heavy Duty Casement Door	3000	1500	200



ASTRAL Ultra – Hardware Brands:



SIEGENIA®
brings spaces to life

A red graphic consisting of two diagonal lines meeting at a point, forming a stylized 'A' shape.
Roto
Window & Door
Technology

GU

ASTRAL Plus

Ultra-Slim, Thermally Broken Windows for Modern Living



The ASTRAL Plus range is a high-performance, thermally insulated aluminium window and door system, designed to deliver exceptional energy efficiency, contemporary aesthetics, and affordability. With ultra-slim aluminium profiles, ASTRAL Plus maximizes glass area for uninterrupted views and enhanced natural light.

Ultra-Slim Aluminium Profiles

Expansive glass areas for maximum views and modern aesthetics.

12mm Polyamide wide Thermal Break

Superior insulation for enhanced comfort and energy efficiency.

Double-Glazed for Performance

Minimizes heat loss and noise, ensuring a quieter, more comfortable indoor environment.

Comprehensive Product Range

Includes sliding windows, awning windows, fixed windows, and sliding doors.

Versatile Applications

Ideal for multi-residential projects, high-performance replacements, and new homes.

Standard & Security Screening Options

Enhanced ventilation and protection with flyscreens or security screens.

Durable & Sustainable

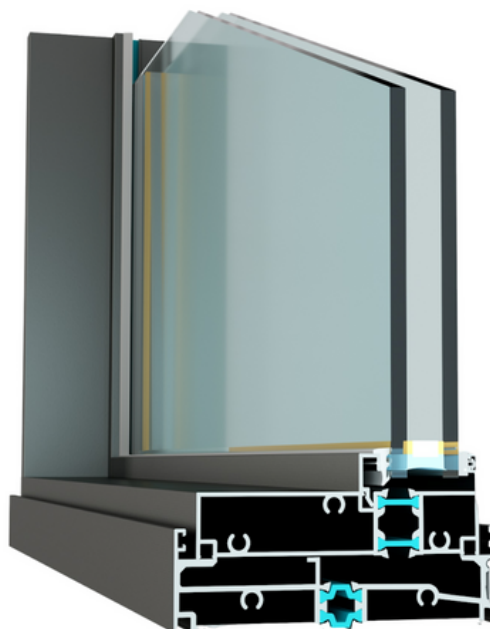
Advanced thermal break technology reduces condensation and energy consumption.

Integrated Sub sill

For all window and door types for superior water penetration resistance.



$U_w=2.0 \text{ W/m}^2\text{K}$



Maximum Views.
Tailored for Every Space.



ASTRAL Plus

Awning Windows



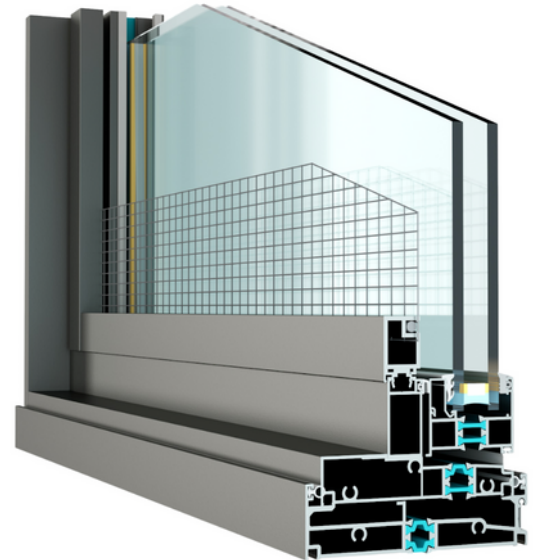
Perfect for consistent airflow in all weather conditions, ASTRAL Plus Awning Windows feature a top-hinged design that allows for ventilation even during light rain. The thermally broken frame enhances energy efficiency while maintaining a sleek, contemporary look.

Architectural slimline design with smooth operation

12mm Polyamide thermal break minimizes heat loss and condensation

Integrated weather seals for enhanced protection

Available with flyscreens and security screen options

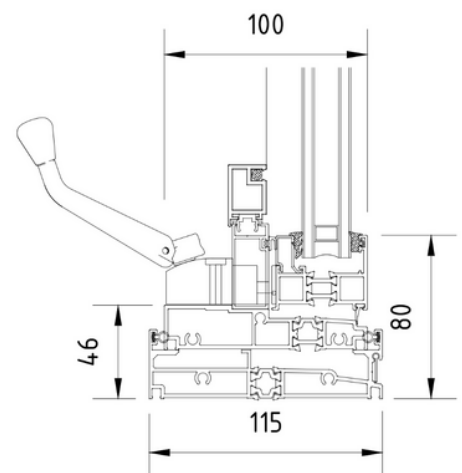


Window Energy Ratings

(AFRC Total System U-Value and SHGC)

Window ID	Glazing	UW	SHGC
SUP-010-002	AGG CLASSIC Clr 6/12/6	3.4	0.53
SUP-010-010	AGG PRIME Clr 6/12/6	2.8	0.40
SUP-010-018	AGG PLUS Clr 6/12/6	2.6	0.42
SUP-010-025	AGG ADVANCE Clr 6/12/6	2.6	0.26
SUP-010-030	AGG MAX Clr 6/12/6	2.6	0.21
SUP- 010 - 033	AGG MAX Gy 6/12/6	2.6	0.17

View full list of Residential and Commercial WERS Ratings at WERSLink.com.au



Maximum Recommended Sizes

SYSTEM	Max Sash Height (mm)	Max Sash Width (mm)	Max Sash Weight (kg)
Astral Plus Awning Window	1500	1200	51

ASTRAL Plus Sliding Windows



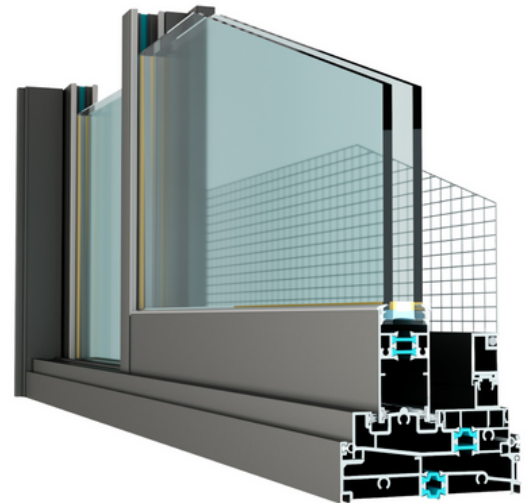
For space-saving ventilation and expansive views, ASTRAL Plus Sliding Windows provide sleek, contemporary styling with smooth, effortless operation. The thermally broken aluminium frame significantly enhances insulation compared to standard sliding windows, making them a high-performance alternative for energy-efficient homes.

Ultra-slim profiles maximize natural light and outdoor views

12mm Polyamide thermal break ensures year-round thermal performance

Effortless glide system for smooth, durable operation

Flyscreens and security screens for added functionality



Window Energy Ratings

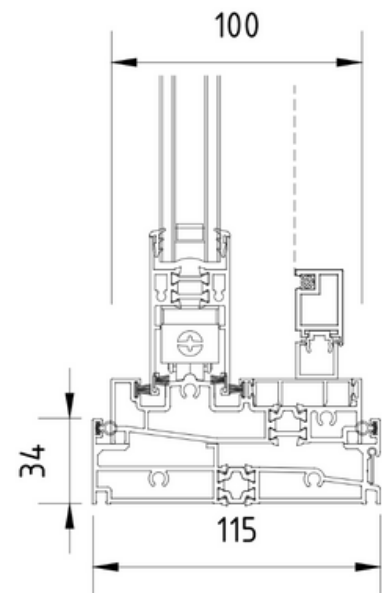
(AFRC Total System U-Value and SHGC)

Window ID	Glazing	UW	SHGC
SUP-011-006	AGG CLASSIC Clr 6/12/6	3.3	0.55
SUP-011-009	AGG PRIME Clr 6/12/6	2.7	0.42
SUP-011-016	AGG PLUS Clr 6/12/6	2.5	0.44
SUP-011-022	AGG ADVANCE Clr 6/12/6	2.5	0.27
SUP-011-026	AGG MAX Clr 6/12/6	2.5	0.22
SUP-011-028	AGG MAX Gy 6/12/6	2.5	0.18

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Maximum Recommended Sizes

SYSTEM	Max Sash Height (mm)	Max Sash Width (mm)	Max Sash Weight (kg)
Astral Plus Sliding Window	1600	1800	41

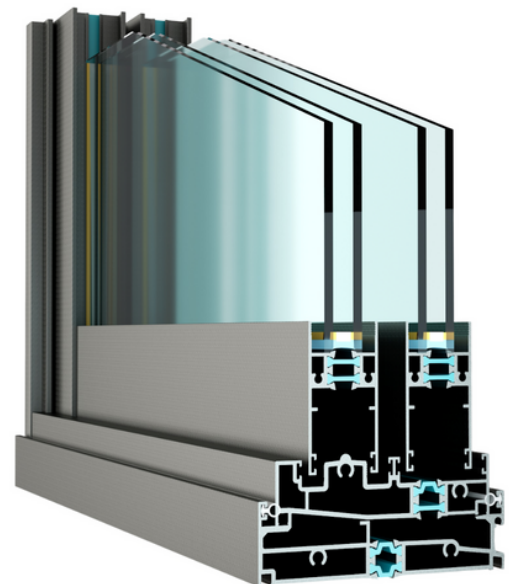


ASTRAL Plus Sliding Doors



Designed for expansive openings and contemporary living spaces, ASTRAL Plus Sliding Doors bring architectural refinement and energy efficiency together. The ultra-slim profiles create large, uninterrupted glass panels, maximizing natural light and outdoor connectivity. The 12mm Polyamide thermal break enhances insulation, making these doors ideal for modern homes and high-performance projects.

Ultra-slim frames for a sleek, sophisticated appearance	12mm Polyamide thermal break significantly minimizes energy loss
Customizable configurations, including multi-panel options	Designed for smooth operation with high-performance sliding systems
Security screen compatibility for added safety and ventilation	



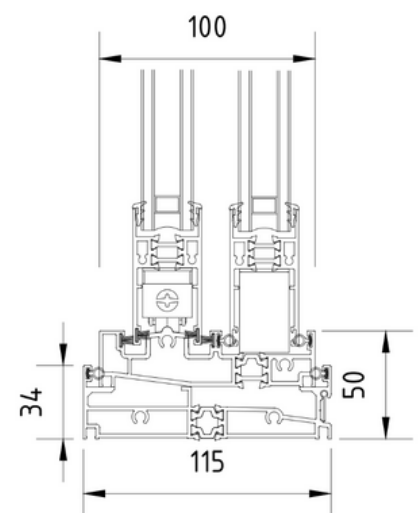
Window Energy Ratings (AFRC Total System U-Value and SHGC)

Window ID	Glazing	UW	SHGC
SUP-012-003	AGG CLASSIC Clr 6/12/6	3.1	0.60
SUP-012-010	AGG PRIME Clr 6/12/6	3.4	0.48
SUP-012-017	AGG PLUS Clr 6/12/6	2.2	0.46
SUP-012-023	AGG ADVANCE Clr 6/12/6	2.2	0.29
SUP-012-027	AGG MAX Clr 6/12/6	2.2	0.24
SUP-012-029	AGG MAX Gy 6/12/6	2.2	0.19

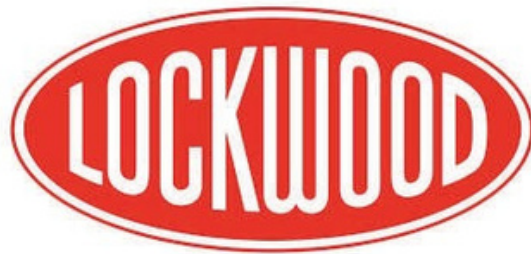
View full list of Residential and Commercial WERS Ratings at WERSLink.com.au

Maximum Recommended Sizes

SYSTEM	Max Sash Height (mm)	Max Sash Width (mm)	Max Sash Weight (kg)
Astral Plus Sliding Door	2200	200	64



ASTRAL Plus
Hardware Brands:



ALLEGION™

ASTRAL Fusion

The Perfect Blend of Timber and Aluminium



The ASTRAL Fusion range is the ultimate solution for those seeking a premium, high-performance window and door system that combines the warmth of timber with the durability and modern aesthetics of aluminium. Engineered for double and triple glazing, ASTRAL Fusion offers superior thermal efficiency, noise reduction, and long-lasting performance.

With its unique timber-aluminium composite design, ASTRAL Fusion features the best of both worlds. The timber interior provides a natural thermal break and warm aesthetic, while the aluminium exterior ensures protection against harsh weather conditions.

Timber-Aluminium Composite Design

The warmth of timber inside, the durability of aluminium outside.

Superior Thermal Insulation

Timber acts as a natural thermal break for maximum efficiency.

Double & Triple Glazing Options

Enhanced sound and energy performance.

Versatile Configurations

Fixed, awning, tilt and turn, casement windows and doors, and lift-slide doors.

Natural Aesthetic

Customisable timber finishes enhance interior styling.

Multi-Point Locking System

Added peace of mind through secure hardware.

Weatherproof Aluminium Exterior

Engineered to withstand Australian conditions.

Complete Window & Door System

For premium residential and commercial builds.



$U_w = 0.8 \text{ W/m}^2\text{K}$



The Warmth of Timber. With the Durability of Aluminium.



ASTRAL Fusion

Tilt and Turn Windows



ASTRAL Fusion Tilt and Turn Windows offer dual opening functionality—tilting for secure ventilation or swinging open for full access. Perfect for passive house or high-performance buildings, they feature natural timber interiors with an aluminium shell, plus multi-point locking and smooth hardware operation.

Tilt and turn dual operation	Timber interior with insulating performance
Highly secure multi-point locking	Double or triple glazed for thermal and acoustic comfort
Easy maintenance and cleaning	



Window Energy Ratings

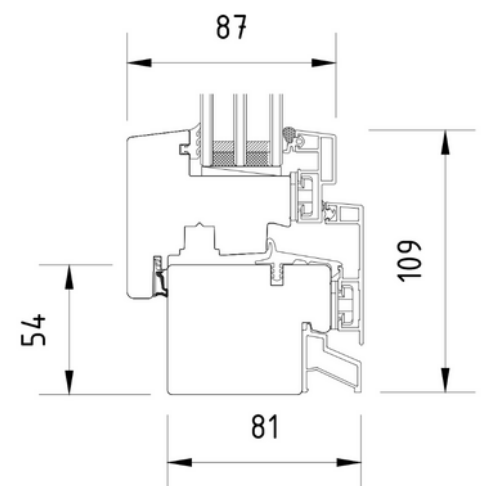
(AFRC Total System U-Value and SHGC)

Window ID	Glazing	UW	SHGC
SUP-026-003	AGG CLASSIC Clr 6/12/6	1.9	0.38
SUP-026-011	AGG PRIME Clr 6/12/6	1.5	0.28
SUP-026-018	AGG PLUS Clr 6/12/6	1.4	0.30
SUP-026-025	AGG ADVANCE Clr 6/12/6	1.4	0.18
SUP-026-029	AGG MAX Clr 6/12/6	1.4	0.14
SUP-030-010	AGG MAX + PLUS Clr 6/12/6/12/6	1.0	0.13

View full list of Residential and Commercial WERS Ratings at WERSLink.com.au

Maximum Recommended Sizes

SYSTEM	Max Sash Height (mm)	Max Sash Width (mm)	Max Sash Weight (kg)
Astral Fusion Tilt & Turn Window	2200	900	80



ASTRAL Fusion

Lift and Slide Doors



ASTRAL Fusion Lift and Slide Doors offer premium sliding performance with lift-assist hardware for smooth operation. Designed for large-format openings, they feature timber-aluminium frames with superior thermal insulation and elegant styling. Ideal for high-end homes seeking seamless indoor-outdoor integration.

Lift-and-slide mechanism for effortless movement	Large glass areas for uninterrupted views
Thermal break via solid timber interior	Triple glazing options for high efficiency
Custom timber and aluminium finish options	

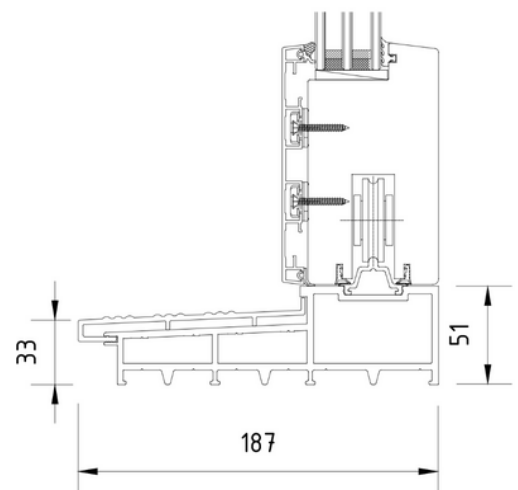


Window Energy Ratings

(AFRC Total System U-Value and SHGC)

Window ID	Glazing	UW	SHGC
SUP-027-003	AGG CLASSIC Clr 6/12/6	2.6	0.53
SUP-027-011	AGG PRIME Clr 6/12/6	2.0	0.40
SUP-027-018	AGG PLUS Clr 6/12/6	1.9	0.43
SUP-027-025	AGG ADVANCE Clr 6/12/6	1.8	0.26
SUP-027-029	AGG MAX Clr 6/12/6	1.8	0.21
SUP-031-010	AGG MAX + PLUS Clr 6/12/6/12/6	1.4	0.19

View full list of Residential and Commercial WERS Ratings at WERSLink.com.au



Maximum Recommended Sizes

SYSTEM	Max Sash Height (mm)	Max Sash Width (mm)	Max Sash Weight (kg)
Astral Fusion Casement Window	2700	3000	200

ASTRAL Fusion Casement Doors



ASTRAL Fusion Casement Doors bring elegance and energy efficiency to hinged entry points. With timber on the inside and aluminium outside, these doors offer excellent durability, insulation, and customisation. Suitable for residential and commercial use, they come with secure multi-point locks and superior sealing performance.

Outward-opening classic door design	Timber-aluminium frame construction
Multi-point locking for enhanced safety	Double or triple glazed for energy efficiency
Versatile styling with custom finishes	



Window Energy Ratings

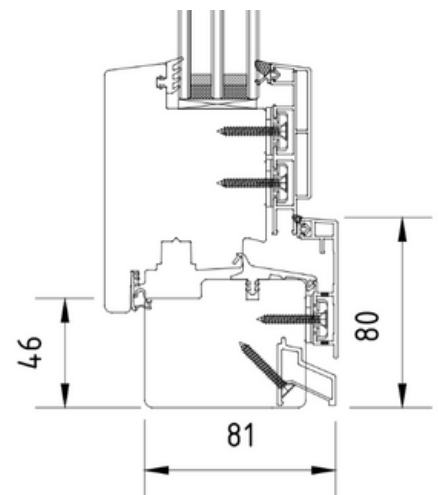
(AFRC Total System U-Value and SHGC)

Window ID	Glazing	UW	SHGC
SUP-028-003	AGG CLASSIC Clr 6/12/6	2.2	0.45
SUP-028-011	AGG PRIME Clr 6/12/6	1.7	0.33
SUP-028-018	AGG PLUS Clr 6/12/6	1.6	0.36
SUP-028-025	AGG ADVANCE Clr 6/12/6	1.5	0.21
SUP-028-029	AGG MAX Clr 6/12/6	1.5	0.17
SUP-032-010	AGG MAX + PLUS Clr 6/12/6/12/6	1.2	0.16

View full list of Residential and Commercial WERS Ratings at WERSLink.com.au

Maximum Recommended Sizes

SYSTEM	Max Sash Height (mm)	Max Sash Width (mm)	Max Sash Weight (kg)
Astral Fusion Casement Door	2400	900	80



ASTRAL Fusion Hardware Brands:



SIEGENIA[®]
brings spaces to life



FSB

HOPPE[®] 
Handle of excellence.

ASTRAL Edge

Commercial-Grade Strength, Cost-Effective Performance



The ASTRAL Edge range is a high-quality non-insulated aluminium double-glazed window and door system, offering a perfect balance of durability, affordability, and modern design. Built with robust aluminium profiles, it delivers superior strength and security, making it ideal for multi-residential developments, renovations, and new homes.

Designed to meet the demands of modern construction, ASTRAL Edge enhances comfort, reduces noise, and boosts energy efficiency when compared to traditional single-glazed systems. Its clean lines and versatile configuration options suit both contemporary and classic architecture.

Durable 2mm wall thickness Aluminium Profiles

Structural integrity and weather resistance.

Cost-Effective Double-Glazed Performance

Affordable solution for improved comfort and efficiency.

Versatile Design

Suitable for residential, multi-residential, and replacement projects.

Modern Aesthetic

Sleek lines for a sharp architectural appearance.

Flyscreen & Security Screen Compatible

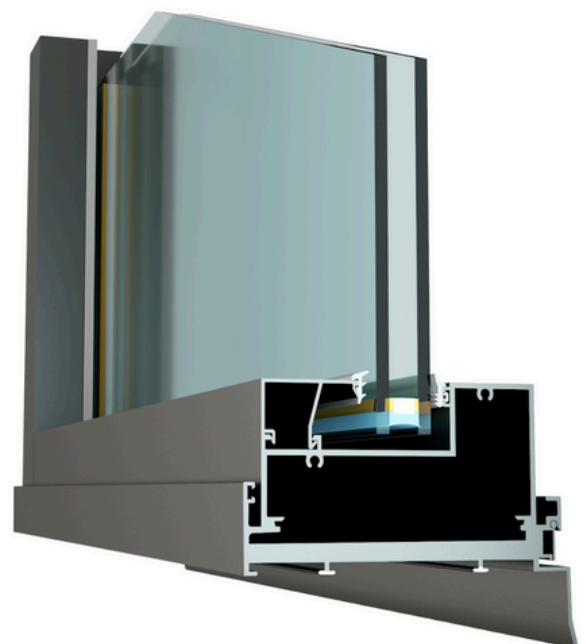
Enhanced ventilation and safety.

Full Product Range

Sliding, awning, fixed windows, hinged and sliding doors.



$U_w = 2.6 \text{ W/m}^2\text{K}$



**Designed for
Performance.
Built for Life.**



ASTRAL Edge

Awning Windows



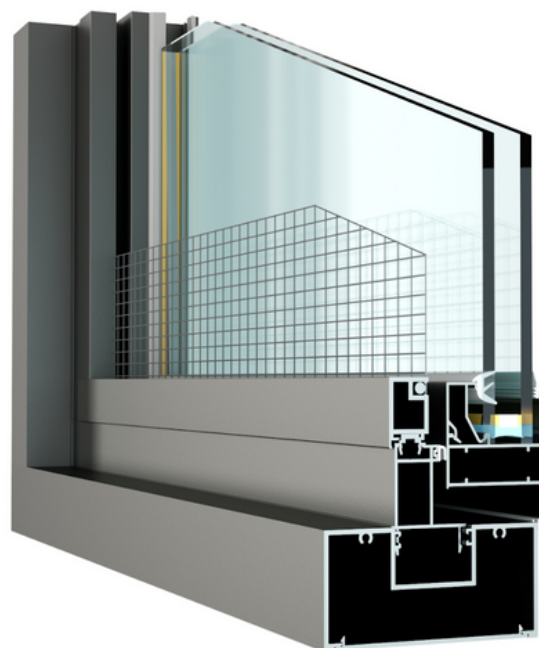
Designed for optimal airflow and year-round usability, ASTRAL Edge Awning Windows provide a practical and stylish solution for both residential and multi-residential buildings. Their top-hinged design enables ventilation even during light rain while maintaining weather protection.

Robust aluminium frame provides long-term durability

Double-glazed for improved acoustic and thermal insulation

Compatible with standard flyscreens and security screens

Sleek design with seamless operation and maximum sealing properties

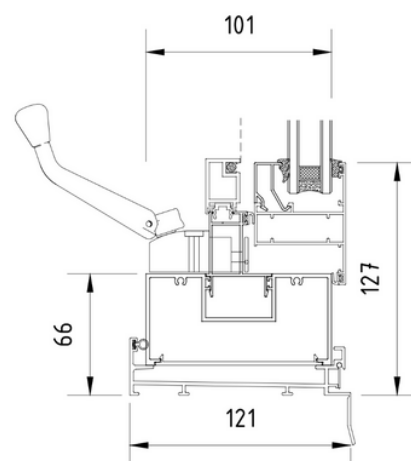


Window Energy Ratings

(AFRC Total System U-Value and SHGC)

Window ID	Glazing	UW	SHGC
SUP-005-003	AGG CLASSIC Clr 6/12/6	5.2	0.42
SUP-005-011	AGG PRIME Clr 6/12/6	4.8	0.32
SUP-005-019	AGG PLUS Clr 6/12/6	4.6	0.34
SUP-005-026	AGG ADVANCE Clr 6/12/6	4.6	0.22
SUP-005-031	AGG MAX Clr 6/12/6	4.6	0.18
SUP-005-034	AGG MAX Gy 6/12/6	4.6	0.15

View full list of Residential and Commercial WERS Ratings at WERSLink.com.au



Maximum Recommended Sizes

SYSTEM	Max Sash Height (mm)	Max Sash Width (mm)	Max Sash Weight (kg)
Astral Edge Awning Window	1500	1200	51

ASTRAL Edge Sliding Windows



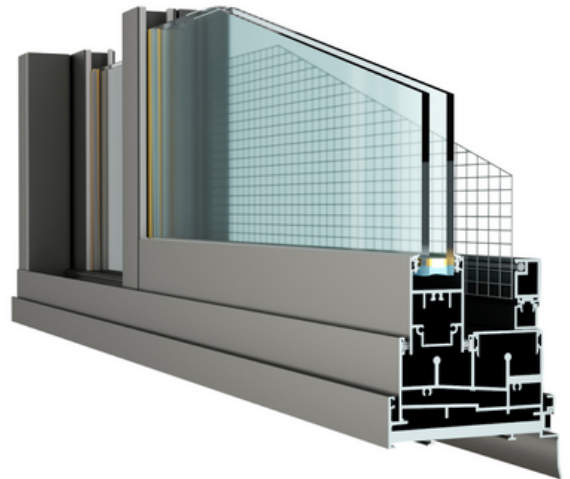
For maximum functionality in compact spaces, ASTRAL Edge Sliding Windows offer a smooth and space-efficient solution. Designed for ease of use and durability, these windows glide effortlessly on a high-quality track system.

Smooth sliding mechanism for effortless operation

Non-intrusive design perfect for compact spaces

Double-glazed for superior noise insulation and comfort

Available with standard flyscreens or security screens



Window Energy Ratings

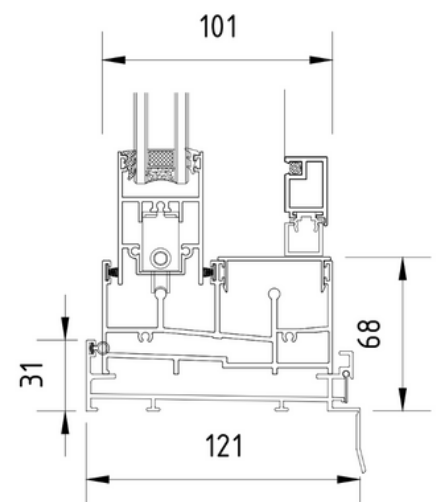
(AFRC Total System U-Value and SHGC)

Window ID	Glazing	UW	SHGC
SUP-006-003	AGG CLASSIC Clr 6/12/6	4.3	0.51
SUP-006-010	AGG PRIME Clr 6/12/6	3.8	0.39
SUP-006-017	AGG PLUS Clr 6/12/6	3.6	0.41
SUP-006-023	AGG ADVANCE Clr 6/12/6	3.6	0.26
SUP-006-027	AGG MAX Clr 6/12/6	3.6	0.21
SUP-006-029	AGG MAX Gy 6/12/6	3.6	0.17

View full list of Residential and Commercial WERS Ratings at WERSLink.com.au

Maximum Recommended Sizes

SYSTEM	Max Sash Height (mm)	Max Sash Width (mm)	Max Sash Weight (kg)
Astral Edge Sliding Window (each sliding sash)	1600	2000	45

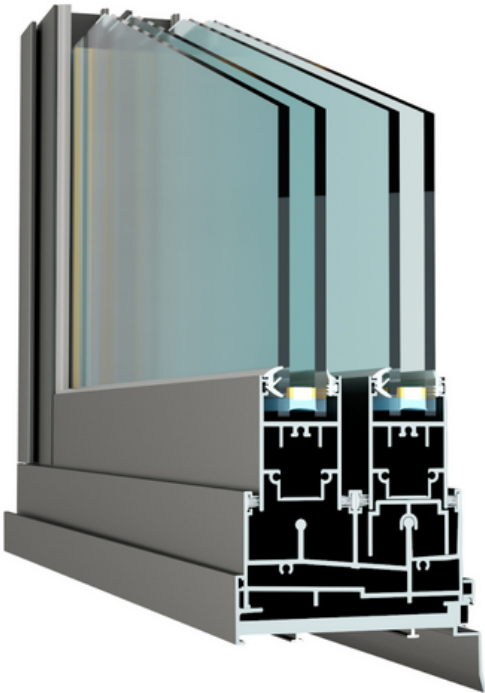


ASTRAL Edge Sliding Doors



Designed for seamless indoor-outdoor transitions, ASTRAL Edge Sliding Doors offer a sleek, space-saving, and cost-effective solution. Featuring 2mm wall thickness aluminium frames and double glazing, these doors enhance thermal performance, noise insulation, and visual appeal.

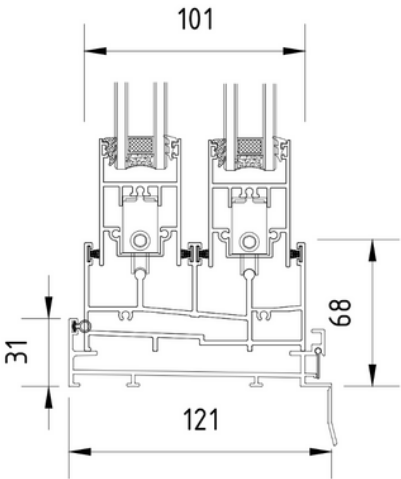
Smooth sliding mechanism for effortless operation	Double-glazed for improved acoustic and thermal insulation
Available in single, double, and multi-panel configurations	Security screen compatibility for added protection



Window Energy Ratings (AFRC Total System U-Value and SHGC)

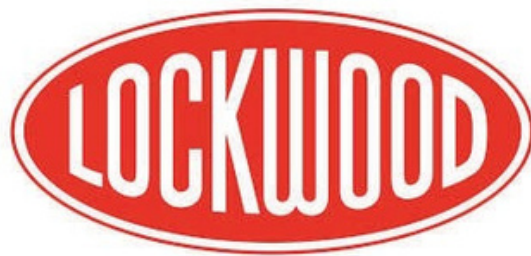
Window ID	Glazing	UW	SHGC
SUP-008-003	AGG CLASSIC Clr 6/12/6	3.7	0.57
SUP-008-006	AGG PRIME Clr 6/12/6	3.1	0.43
SUP-008-013	AGG PLUS Clr 6/12/6	2.9	0.46
SUP-008-019	AGG ADVANCE Clr 6/12/6	2.9	0.28
SUP-008-023	AGG MAX Clr 6/12/6	2.9	0.23
SUP-008-025	AGG MAX Gy 6/12/6	2.9	0.19

View full list of Residential and Commercial WERS Ratings at [WERSLink.com.au](https://www.werslink.com.au)



Maximum Recommended Sizes

SYSTEM	Max Sash Height (mm)	Max Sash Width (mm)	Max Sash Weight (kg)
Astral Edge Sliding Door (each sliding sash)	2800	2400	94





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